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Date.		Prec. End.	Middle.	Foll. End.	Wt.	Long. Prec. End.	Long. Middle.	Long. Foll. End.
		h m	h m	h m		°	°	°
1881, Nov.	5	13 50.3	14 21.8	14 48.8	3	355.8	14.8	31.2
	12	14 34.3	15 5.3	15 36.3	2.5	356.3	15.5	33.8
	14	16 12.0	16 40.3	17 10.3	3	356.5	13.6	31.7
	19	15 18.1	15 49.8		3	356.6	15.8	
	24	14 24.3	14 56.3	15 27.3	3.5	356.8	16.1	34.9
	26	16 2.5	16 33.6		3	357.2	16.0	
Dec.	1	15 9.8	15 41.3	16 9.8	3.5	357.8	16.9	34.1
	6	14 18.3	14 49.3	15 20.0	3.5	359.2	17.9	36.5
	15	16 44.3	17 14.3	17 43.3	3.5	1.5	19.7	37.1
	23	13 18.3	13 48.3	14 18.3	5	0.5	18.6	36.8
	25		15 27.3	15 56.8	5		19.6	36.9
1882, Jan.	6	14 50.3	15 18.8	15 48.3	3	1.4	18.7	36.6
	11		14 37.8		3			38.3
	13	15 38.3	16 6.3		2.5	2.8	19.7	
Feb.	2		13 10.5		4			39.3
	4		14 19.3	14 48.8	2.5		21.2	40.3
	9		13 33.3	14 1.3	3		24.8	41.7

Observations of the Phenomena of Jupiter's Satellites, made at  
Mr. Edward Crossley's Observatory, Bermerside, Halifax.  
By J. Gledhill, Esq.

Date.	Satellite and Phenomena.	G.M.T.	Naut. Alm.	Remarks.
1881.		h m s	h m s	
Oct. 3	II. Ec. D. Fading away?	10 52 0	10 55 7	Sky not good.
	Certainly fading	53 0		
	Still visible	56 0		
	Gone	56 30		
12	II. Tr. I. First contact	9 16 0	9 15 0	Very bad definition.
	Inner contact	9 18 0		
14	I. Sh. I. Just on disk	10 45 0	10 42 0	Bad sky.
	I. Tr. I. Outer contact	11 25 0	11 26 0	"
	Inner "	11 28 0		"
Nov. 20	II. Tr. I. First contact	9 40 0	9 42 0	Fair.
	Bisection	9 43 0		
	Inner contact	9 44 0		Good.
	II. Sh. I. First seen	10 4 0	10 4 0	Windy; clouds.
	Inner contact	10 7 0		
22	II. Ec. R. First seen	7 32 49	7 33 41	
	Full?	7 36 15		

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Date.	Satellite and Phenomena.	G.M.T.	Naut. Alm.	Remarks.
1881.		h m s	h m s	
Nov. 22	I. Tr. I. Outer contact	8 55 0	8 55 0	
	Bisection	58 0		
	Inner contact	59 0		
	I. Sh. I. First seen	9 9 44	9 10 0	
	Inner contact	9 12 0		
	I. Tr. E. Outer contact	11 8 0	11 7 0	
	I. Sh. E. Just off	11 23 0	11 22 0	Uncertain.
25	III. Sh. I. Just within	11 11 0		Much motion.
	III. Tr. E. Outer contact	11 26 0	11 26 0	Rough obser- vation.
29	II. Oc. D. Outer contact	6 45 0	6 45 0	
	Inner „	6 49 0		
	II. Ec. R. First seen	10 8 10	10 9 1	
	Full disk	10 10 30		
	I. Tr. I. First contact	10 40 0	10 39 0	
	Bisection	42 0		
	Inner contact	44 0		
	I. Sh. I. Inner contact	11 6 0		Bad sky.
Dec. 7	I. Oc. D. First contact	9 32 30	9 35 0	Much motion.
	Bisection	35 0		„
	Second contact	36 30		„
14	I. Oc. D. Last seen	11 21 0	11 21 0	
22	II. Tr. E. Just off	10 40 30	10 43 0	
	I. Sh. I. Bisection	11 18 0		
	Just within	11 19 0		
1882.				
Jan. 24	I. Ec. R. First seen	7 23 21	7 23 33	Good observa- tion.
	Full?	29 0		
Feb. 15	II. Oc. D. First contact	9 29 30	9 29 0	Bad definition.
	Inner contact	9 32 30		„
Mar. 3	I. Tr. E. Inner contact	7 27 0	7 30 0	
	Outer „	7 31 0		
11	I. Ec. R. First seen	7 56 38	7 56 46	Good sky.
	Full?	7 57 49		
18	I. Ec. R. First seen	9 52 50	9 52 26	

Bermerside, Halifax :  
1882, April 25.

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